PTO/SB/05 (08-00) Approved for use through 10/21/2002. OMB 0651-0032

Under the Paperwork Reduct	ion act of 1995, no persona are required to respond	tent and Tr	ademark Office; on of information unle	U.S. DEPARTMENT OF COMMER(ess it displays a valid OMB control number.	CE		
UTILITY PATENT APPLICATION TRANSMITTAL			y Docket No.	14449Us02	PTO		
		First Inventor		Jeyhan Karaoguz			
(Only for new nonprovisional applications under 37 CFR 1.53(b))		Title Quality Of Service Support In A Media Exchange Network					
		Express	s Mail Label No		031088		
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: C		Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Washington, DC 22313-1450	00		
1. Fee Transmittal Form (e.g., PTO/SB/17)			CD-Rom or CD-R in duplicate, large table or				
Applicant claims small entity status			Computer Program (Appendix) Nucleotide and/or Amino Acid sequence Submission				
2. See 37 CFR 1.27.			(if applicable, all necessary)				
3. Specification [Total Pages 34] [Total Pages 34]			a. Computer Readable Form (CRF)				
 Descriptive ti 	tle of the invention	b. Specification Sequence Listing on:					
	nce to Related Applications	i. CD-ROM or CD-R (2 copies); or					
-Statement Regarding Fed sponsored R&D -Reference to sequence listing, a table, or a computer			ii paper				
program listir -Background o	ng appendix of the Invention		J				
-Brief Description of the Drawings (if filed)			c. Statements verifying identity of above copies				
-Detailed Description -Claim(s)			9. Assignment Papers (cover sheet & documents(s))				
-Abstract of the Disclosure				apers (cover sheet & documents(s))	١		
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 12]			10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney				
5. Oath or Declaration [Total Pages 4]			11. English Translation Document (<i>if applicable</i>)				
a. Newly executed (original or copy)			12. Information Disclosure Copies of IDS Citations				
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)			Preliminary A				
i <u>DELETION OF INVENTORS</u> Signed statement attached deleting inventor(s)			Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).			15. Certified Copy of Priority Document(s) (if foreign priority is claimed)				
6 Application Data Sheet. See 37 CFR 1.76			16. Request and Certification under 35 U.S.C. 122(b) (2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.				
			17. Other:				
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.:							
Prior application information: Examiner: Group/Art Unit:							
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.							
	18. CORRESPOND	ENCE AD	DRESS				
Customer Number 23446 or Correspondence address below							
Namo	Christopher Winelada				\neg		
Name	Christopher Winslade McAndrews, Held & Malloy		·		_		
Address	500 West Madison, Suite 340	10			\dashv		
City	Chicago State	JII	Zi	p Code 60661	\dashv		

None (Dist					
Name (Print/type)	Kevin E. Borg		Registration No. (Attorney/Ag	ent)	51,486
Signature		K- E-7	region and in the printed in the	Date:	9/30/03
					0,00,00

TL

(312) 775-8000

Zip Code

Fax

60661

(312) 775-8100

State

Telephone

Chicago USA

Country

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction act of 1995, no persona are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)948.00

Complete if Known				
Application Number	Unassigned			
Filing Date	Herewith			
First Named Inventor	Jeyhan Karaoguz			
Examiner Name	Unassigned			
Group Art Unit	Unassigned			
Attorney Docket No.	1444911502			

## The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number Deposit Design Ding Design Ding Design Design Design Ding Design Ding Design Design Ding Ding	Fee Paid			
Deposit Account Number Deposit Account Name Mark Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 ☐ Applicant daims small entity status. See 37 CFR 1.27 2. ☑ Payment Enclosed: ☑ Check ☐ Credit Card ☐ Money Order ☐ Other FEE CALCULATION 1. BASIC FILING FEE Large Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe				
Deposit Account Number Deposit Account Number Deposit Account Number Deposit Account Number Deposit Account Name Deposit Name D				
Account Number Deposit Account MCAndrews, Held & Malloy Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Cha				
Number Deposit Account Name				
Account Name McAndrews, Held & Malloy 1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet 1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet 1053 130 1053 130 Non-English specification Non-English				
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Applicant claims small entity status. See 37 CFR 1.27 2. ☑ Payment Enclosed:				
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Applicant claims small entity status. See 37 CFR 1.27 2. ☑ Payment Enclosed:				
Applicant claims small entity status. 1053 130 1053 130 Non-English specification				
See 37 CFR 1.27 2.				
Requesting publication of SIR prior to Examiner action 1804 920* 1804 920* 1804 1804 1804 1804 1804 1804 1804 1804 1804 1804 1				
Requesting publication of SIR prior to Examiner action 1804 920* 1804 920* 1804 1804 1804 1804 1804 1804 1804 1804 1804 1804 1				
1. BASIC FILING FEE Large Entity Small Entity Fee Fe				
1. BASIC FILING FEE Large Entity Small Entity Fee Fe	ı			
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Per Fee Description 1001 740 2001 370 Utility filing Fee 750.00 1253 920 2253 460 Extension for reply within first month 1254 1,440 2254 720 Extension for reply within fourth month 1254 1,440 2254 720 Extension for reply within first month 1255 1,960 2255 980 Extension for re				
Fee				
1001 740 2001 370 Utility filing Fee 750.00 1253 920 2253 460 Extension for reply within third month 1255 1,960 2255 980 Extension for reply within fifth month 1255 1,960 2255 980 Extension for reply within fifth month 1255 1,960 2255 980 Extension for reply within fifth month 1255 1,960 2255 980 Extension for reply within fifth month 1255 1,960 2255 980 Extension for reply within fifth month 1255 1,960 2255 980 Extension for reply within fifth month 1255 1,960 2255 980 Extension for reply within fifth month 1255 1,960 2255 980 Extension for reply within fifth month 1255 1,960 2255 980 Extension for reply within fifth month 1255 1,960 2255 980 Extension for reply within third month 1255 1,960 2255 1255 1,960 2255 1255 1,96				
1001 740 2001 370 Utility filing Fee 750.00 1254 1,440 2254 720 Extension for reply within fourth month 1255 1,960 2255 980 Extension for reply within fourth month 1255 1,960 2255 980 Extension for reply within fifth month 1401 320 2401 160 Notice of Appeal 1402 320 2402 160 Filing a brief in support of an appeal 1403 280 2403 140 Request for oral hearing 1451 1,510 1451 1510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable 1453 1,280 2453 640 Petition to revive - unintentional				
1002 330 2002 165 Design filing Fee				
1003 510 2003 255 Plant filing fee				
1004 740 2004 370 Reissue filing fee				
1005 160 2005 80 Provisional filing fee	M00.4			
1451 1,510 1451 1510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable SUBTOTAL (1) (\$)750.00 1453 1,280 2453 640 Petition to revive - unintentional				
SUBTOTAL (1) (\$)750.00 1453 1,280 2453 640 Petition to revive - unintentional				
2. EXTRA CLAIM FEES 1501 1,280 2501 640 Utility issue fee (or reissue)				
Fee from 1502 460 2502 230 Design issue fee				
Extra Claims below Fee Paid 1503 620 2503 310 Plant issue fee				
Total Claims 31 - 20** = 11 x 18.00 = 198.00 1460 130 1460 130 Petitions to the Commissioner				
Independent 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Start				
Claims [9-3** = 10]				
Multiple Dependent = (times number of properties)				
Large Entity Small Entity 1.129(a))				
Code (\$) Code (\$)				
1202 18 2202 9 Claims in excess of 20 1801 740 2801 370 Request for Continued Examination (RCE)				
1201 84 2201 42 Independent claims in excess of 3 1802 900 1802 900 Request for expedited examination of a design application				
1203 280 2203 140 Multiple dependent claim, if not paid Other fee (specify)	$\overline{}$			
1204 84 2204 42 **Reissue independent claims over original patent				
1205 18 2205 9 **Reissue claims in excess of 20 and over original patent				
SUBTOTAL.(2) (\$)198.00				
**or number previously paid, if greater; For Reissues, see above	1			

SUBMITTED BY Complete (if applicable)							
Name (Print/Type)	Kevin E. Borg	Registration No. (Attorney or Agent)	51,486	Telephone	(312) 775-8000		
Signature	(-	E-75		Date	September 30, 2003		